

## Redfone foneBRIDGE2 Octal T1/E1 Ethernet Bridge with EC



Product Name: Redfone foneBRIDGE2 Octal T1/E1 Ethernet Bridge with EC Manufacturer: -Model Number: 750-6000-EC

Redfone foneBRIDGE2 Octal T1/E1 Ethernet Bridge with EC foneBRIDGE2 is a T1/E1 PRI-to-Ethernet Bridge. It is an integrated black-box "appliance" designed to streamline installation and enable redundant design of Asterisk based VoIP systems. foneBRIDGE2 eliminates the need to install proprietary TDM hard-ware cards in approved/compatible server configurations. Instead, foneBRIDGE2 terminates T1/E1 PRI lines on the trunk side and provides direct Ethernet communication to a network of Asterisk servers using native Asterisk TDMoE formats and utilities. foneBRIDGE2 is a T1/E1 PRI-to-Ethernet Bridge. It is an integrated black-box "appliance" designed to streamline installation and enable redundant design of Asterisk based VoIP systems.

foneBRIDGE2 eliminates the need to install proprietary TDM hard-ware cards in approved/compatible server configurations. Instead, foneBRIDGE2 terminates T1/E1 PRI lines on the trunk side and provides direct Ethernet communication to a network of Asterisk servers using native Asterisk TDMoE formats and utilities.

Engineered around our unique high-speed SoC (System-on-Chip) TDMoE engine, foneBRIDGE2 provides low-latency delivery of your critical voice traffic

Redfone foneBRIDGE2 Octal T1/E1 Ethernet Bridge with EC - Technical Specifications Failover & Amp; Asterisk HA Enabled

ï¿1/2 High-Availability through rapid failover capabilities ensures your critical telephony services are always on and available

Flexible Configuration

ï¿1/2 Configurable on a per-port basis, foneBRIDGE2 allows you to mix multiple telephony standards on a single deployment

Solid State Embedded Appliance

i¿½ No moving components i¿½ Low heat and power consumption i¿½ High MTBF (mean time before failure)

**Target Applications** 

ï¿<sup>1</sup>/<sub>2</sub> T1/E1 PRI Trunk termination

ï¿1/2 Legacy PBX-to-Asterisk integration

- ï¿1/2 High-Availability/Failover Asterisk clusters
- ï¿1/2 Channel Bank connectivity
- ï¿<sup>1</sup>/<sub>2</sub> Mixed telephony environments (ex. E1 PRIs + T1 Channel Banks)
- ï¿1∕₂ Standards

Telephony

ï¿1/2 PRI Switch Compatibility- EuroISDN, AT&T 4ESS, DMS 100, Lu-cent 5E, NI1/NI2; Network or CPE

ï¿1/2 Line Interface- Dual or Quad T1/E1 (RJ45), per port configur-able

- ïزئ Line Encoding- AMI/B8ZS for T1, AMI/HDB3 for E1
- ï¿1/2 Super Frame (SF) and Extended Super Frame (ESF)
- ï¿1/2 Robbed Bit Signaling (RBS/CAS)



## Redfone foneBRIDGE2 Octal T1/E1 Ethernet Bridge with EC

## Ethernet

ïزئ 10/100-BASE-TX Half/Full-duplex ïزئ 2 x Dedicated RJ45

Specifications

� Electrical: DC 500mA Max @ 5V (2.5W)
� Environmental: 0 to 50 deg C operating
� Physical: Dimensions: 5.00" x 6.50" x 1.00" Weight: 1 pound Mounting: Flange Mount or Desktop

**Please Enquire**